

"Express Mail" mailing label number
EH427772865US

Date of Deposit May 7, 1996

I hereby certify that this paper or fee is
being deposited with the United States Postal
Service "Express Mail Post Office to Addressee"
service under 37 CFR § 1.10 on the date indicated
above and is addressed to the Assistant
Commissioner of Patents and Trademarks,
Washington, D.C. 20231

MARVIN MILLER

(Typed or printed name of person
mailing paper or fee)

Marvin Miller

(Signature of person mailing paper or fee)

PATENT
Case No. 7823/5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Matthew B. Wheeler)
Serial No. 08/410,539)
Filed: March 24, 1995)
For: TRANSGENIC UNGULATE METHODS)
AND COMPOSITIONS)

37 CFR 1.33

CHANGE OF CORRESPONDENCE ADDRESS

Assistant Commissioner For Patents
Washington, D. C. 20231

Dear Sir:

Applicant requests a change of correspondence address to:

BRINKS HOFER GILSON & LIONE
P. O. Box 10395
Chicago, Illinois 60610

Respectfully submitted,

Date: May 7, 1996

Alice O. Martin
Reg. No. 35,601
Attorney for Applicant

BRINKS HOFER GILSON & LIONE
P.O. Box 10395
Chicago, Illinois 60610
Tel. (312) 321-4200
Fax: (312) 321-4299

ROOM

MAY

7

1993

DATE: 10/18/93

TO:

ALICE O. MARTIN
1 IBM PLZ., 330 N. WABASH
SUITE 3300
CHICAGO, IL 60611



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

NO4B

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE U.S. PATENT AND TRADEMARK OFFICE ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT ASSIGNMENT PROCESSING SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT BRANCH, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231

ASSIGNOR:

WHEELER, MATTHEW B.

DOC DATE: 08/23/93

RECORDATION DATE: 09/17/93 NUMBER OF PAGES 004 REEL/FRAME 6689/0990

DIGEST : ASSIGNMENT OF ASSIGNORS INTEREST

ASSIGNEE:

BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS
URBANA-CHAMPAIGN, ILLINOIS 61801

SERIAL NUMBER 8-063095 FILING DATE 05/14/93
PATENT NUMBER ISSUE DATE 00/00/00

EXAMINER/PARALEGAL
ASSIGNMENT BRANCH
ASSIGNMENT/CERTIFICATION SERVICES DIVISION

RECORDATION FORM COVER SHEET
PATENTS ONLY

Docket No. 76645-115

MAY 53

46-581

To the Honorable Assistant Secretary and Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies) thereof.

1. Name of conveying party

Matthew B. Wheeler, Ph.D.

2. Name and address of receiving party(ies):

Name: Board of Trustees of the University of Illinois

Internal Address:

Street Address:

City: Urbana-Champaign, State: Illinois ZIP: 61801

3. Nature of conveyance:

Assignment
 Security Agreement
 Other

Merger
 Change of Name

Execution Date: 8/23/93Additional name(s) & address(es) attached? No

4.) Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

08/063,095

B. Patent No.(s)

Additional numbers attached? No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Alice O. Martin

Internal Address:

Street Address: 1 IBM Plz., 330 N. Wabash, Ste. 3300City: Chicago, State: Illinois ZIP: 606116. Total number of applications and patents involved: 17. Total fee (37 C.F.R. § 3.41). \$40 Enclosed

Authorized to be charged to deposit account

8. Deposit account number: 06-1447

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Alice O. Martin

Name of Person Signing
050 MS 10/04/93 08063095

91606350

Signature 1581

40.00 CR

Date

Total number of pages comprising cover sheet: 1

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information:

Commissioner and Assistant Secretary of Patents and Trademarks
 Box Assignments
 Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

ASSIGNMENT

WHEREAS, MATTHEW B. WHEELER, hereinafter called the "Assignor," has invented a new and useful "Transgenic Swine Compositions and Methods," for a full description of which reference is here made to application for Letters Patent of the United States, Serial No. 08/063,095, filed May 14, 1993; and

WHEREAS, The Board of Trustees of the University of Illinois, Urbana-Champaign, Illinois, a body corporate and politic of the State of Illinois, hereinafter called the "Assignee," is desirous of acquiring the entire right, title and interest in and to said invention, the application above identified, and all continuations, in whole or part, or divisions thereof, and under Letters Patent which may be obtained for said invention, and all reissues, reexaminations, and extensions thereof, as hereinafter more fully set forth;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient considerations, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto the Assignee, the entire right, title and interest for the United States in and to the invention and application hereinabove identified, all continuations, in whole or part, or divisions thereof, and any Letters Patent of the United States that may issue for said invention, and all reissues, reexaminations, and extensions thereof, together with the entire right, title and interest in and

to said invention and applications for Letters Patent and Letters Patent therefor, in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue.

And the Assignor does hereby covenant and agree, for himself and his legal representatives, that he will assist the Assignee in the prosecution of the application herein identified, in the making and prosecution of any other applications for Letters Patent that the Assignee may elect to make covering the invention herein identified, as hereinbefore set forth; in vesting in the Assignee like exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patent herein contemplated; and he will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to fully carry out the terms of this Assignment. The Assignee does hereby covenant and agree that should the Assignor in the future leave the employ of the Assignee, the Assignee will provide reasonable compensation to the Assignor for the services and expenses of the Assignor in providing the assistance called for by foregoing terms of this paragraph.

IN WITNESS WHEREOF, the Assignor has hereunto set his hand.

Matthew B. Wheeler

MATTHEW B. WHEELER

Date: 8/23/93

STATE OF ILLINOIS)
COUNTY OF CHAMPAIGN)

I, JoElla Barnes, a Notary Public in and for the County and State aforesaid, do hereby certify that MATTHEW B. WHEELER, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 23rd day of August, 1993.

JoElla Barnes
Notary Public

693-1264.A



RECORDED
U.S. TRADEMARK OFFICE

SEP 17 93



DATE: 09/17/93
TO:



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

NO2B

ALICE O. MARTIN
1 IBM PLZ.
330 N. WABASH, SUITE 3300
CHICAGO, IL 60611

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE U.S. PATENT AND TRADEMARK OFFICE ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT ASSIGNMENT PROCESSING SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT BRANCH, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231

ASSIGNOR: DOC DATE: 09/02/93
BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS

RECORDATION DATE: 09/17/93 NUMBER OF PAGES 004 REEL/FRAME 6689/0986

DIGEST :

ASSIGNOR ASSIGNS AN UNDIVIDED 50% INTEREST TO ASSIGNEE.

ASSIGNEE:
BIOTECHNOLOGY RESEARCH AND DEVELOPMENT CORPORATION
1815 N. UNIVERSITY
PEORIA, ILLINOIS 61604

SERIAL NUMBER 8-063095 FILING DATE 05/14/93
PATENT NUMBER ISSUE DATE 00/00/00

EXAMINER/PARALEGAL
ASSIGNMENT BRANCH
ASSIGNMENT/CERTIFICATION SERVICES DIVISION

RECORDEDATION FORM COVER SHEET
PATENTS ONLY

Docket No. 76645-115

MAY 63

40-581

To the Honorable Assistant Secretary and Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies) thereof. 1993

1. Name of conveying party(ies):

Board of Trustees of the University of Illinois

Additional name(s) of conveying party(ies) attached? No

3. Nature of conveyance:

Assignment
 Security Agreement
 Other

Merger
 Change of Name

Execution Date: 9/2/93

2. Name and address of receiving party(ies):

Name: Biotechnology Research and Development Corporation

Internal Address:

Street Address: 1815 N. UniversityCity: Peoria, State: Illinois ZIP: 61604Additional name(s) & address(es) attached? No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

08/063,095

B. Patent No.(s)

Additional numbers attached? No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Alice O. Martin

Internal Address:

Street Address: 1 IBM Plz., 330 N. Wabash, Ste. 3300City: Chicago, State: Illinois ZIP: 606116. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. § 3.41).....\$40

 Enclosed

Authorized to be charged to deposit account

8. Deposit account number: 06-1447

(Attach duplicate copy of this page if paying by deposit account)

050 MS 18/04/93 08063095

DO NOT USE THIS SPACE

1 061 40.00 CR

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Alice O. Martin
Name of Person Signing

91606349

Alice O. Martin 9/3/93

Signature

Date

Total number of pages comprising cover sheet: 1

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information:

Commissioner and Assistant Secretary of Patents and Trademarks
 Box Assignments
 Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

ASSIGNMENT

WHEREAS, The Board of Trustees of the University of Illinois, hereinafter called the "Assignor," is the exclusive owner, by Assignment from the inventor, executed on August 23, 1993 _____, of the entire right, title and interest in and to an invention entitled "Transgenic Swine Compositions and Methods," for a description of which reference is here made to application for Letters Patent of the United States, Serial No. 08/063,095, filed May 14, 1993.

WHEREAS, Biotechnology Research and Development Corporation, a corporation existing under the laws of the State of Delaware, having its corporate headquarters in the City of Peoria, State of Illinois, hereinafter called the "Assignee," is desirous of acquiring an undivided fifty percent (50%) of the entire right, title and interest in and to said invention, the application above identified, and all continuations, in whole or part, or divisions thereof, and under Letters Patent which may be obtained for said invention, and all reissues, reexaminations, and extensions thereof, as hereinafter more fully set forth;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient considerations, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto the Assignee, an undivided fifty percent (50%) of the entire right, title and interest for the United States in and to the invention and

application hereinabove identified, all continuations, in whole or part, or divisions thereof, and any Letters Patent of the United States that may issue for said invention, and all reissues, reexaminations, and extensions thereof, together with an undivided fifty percent (50%) of the entire right, title and interest in and to said invention and applications for Letters Patent and Letters Patent therefor, in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue.

IN WITNESS WHEREOF, the Assignor has hereunto set its hand and affixed its seal.

THE BOARD OF TRUSTEES OF
THE UNIVERSITY OF ILLINOIS

Date: Sept 2 - 1993

By: Craig S. Bazzani
Name: Craig S. Bazzani
Title: Comptroller

ATTEST:

By: Michele M. Thompson
Name: Michele M. Thompson
Title: Secretary

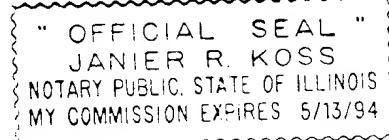
STATE OF ILLINOIS)
)
) SS.
COUNTY OF CHAMPAIGN)

I, the undersigned, a Notary Public in and for said County and State aforesaid, DO HEREBY CERTIFY that Greg S. Bazzani and Michael Thompson, personally known to me to be the Comptroller and Secretary, respectively, of The Board of Trustees of the University of Illinois, an Illinois public corporation, and personally known to me to be the same persons whose names are subscribed to the foregoing instrument as such Comptroller and Secretary, respectively, appeared before me this day in person and severally acknowledged that they signed, sealed and delivered the said instrument as their free and voluntary act as such Comptroller and Secretary, respectively, and as the free and voluntary act of said corporation for the uses and purposes therein set forth; and on their respective oaths stated that they were duly authorized to execute said instrument and that the seal affixed thereto is the seal of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal this 3rd day of September, 1993.

Janier R. Koss
Notary Public

693-1265.A



CHAMPAIGN
NOTARY PUBLIC OFFICE
SEP 17 93